

Converting Colors

RGB(220, 221, 189)

Have a look what the booklet for
RGB(220, 221, 189) contains.

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Color

RGB(220, 221, 189)

Conversions

Conversions Part 1

Format	Color
Hex	DCDDBD
RGB	220, 221, 189
RGB Percent	86%, 87%, 74%
CMY	0.1373, 0.1333, 0.2588
CMYK	0.00, 0.00, 0.14, 0.13
HSL	62°, 32%, 80%
HSV	62°, 14%, 87%
XYZ	64.5570, 70.6027, 58.3693
YIQ	217.0530, 9.6760, -10.1640

Conversions

Conversions Part 2

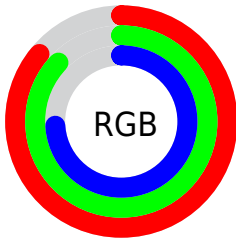
Format	Color
RYB	189, 221, 190
Decimal	14474685
CIELab	87.29, -5.71, 15.62
CIELCh	87, 16.630, 110.079
Yxy	70.6027, 0.3336, 0.3648
Android (android.graphics.Color)	4292664765 (0xFFDCDDBD)
YUV	217.0530, -13.8301, 2.5845
Hunter-Lab	84.0254, -9.9024, 17.6312

Details

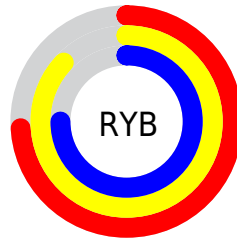
The RGB color **220, 221, 189** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **190, 189, 221**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 245**, and **165, 166, 136** is the 20% darker color. If you saturate the color by 10%, you get **219, 221, 167**, and if you desaturate by 10%, it is **221, 221, 211**.

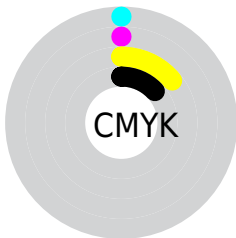
Distribution



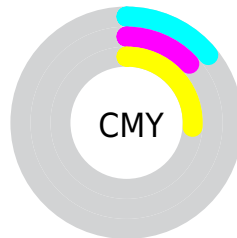
- Red (86%)
- Green (87%)
- Blue (74%)



- Red (74%)
- Yellow (87%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 221, 189 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 220, 221, 189 by changing the saturation by 10% instead.


 220, 221, 189

255, 255, 255


 255, 255, 245

 220, 221, 189

 192, 193, 162

 165, 166, 136

 138, 140, 110

 113, 114, 86

 88, 90, 62

 64, 66, 40

 42, 44, 20

 22, 24, 0

 0, 0, 0

 220, 221, 189

 220, 221, 189

 219, 221, 167

 221, 221, 211

 219, 221, 145

 221, 221, 233

 218, 221, 123


 222, 221, 255

 217, 221, 101


 223, 221, 255

 217, 221, 78

 223, 221, 255

 216, 221, 56

 224, 221, 255

 215, 221, 34

 225, 221, 255

 214, 221, 12

 226, 221, 255

 214, 221, 0

 226, 221, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 216, 188



220, 221, 189



202, 225, 198

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220, 221, 189



182, 226, 242



248, 208, 225

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



220, 221, 189



190, 189, 221

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 211, 239



220, 221, 189



195, 222, 249

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220, 221, 189



178, 228, 229



215, 216, 248



253, 208, 209

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220, 221, 189



191, 227, 207



215, 216, 248



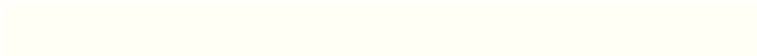
244, 209, 230

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



220, 221, 189



255, 255, 245



221, 190, 189



127, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



220, 221, 189



254, 255, 212



204, 221, 189



109, 110, 99



168, 173, 0



44, 46, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



190, 189, 221



213, 212, 255



206, 189, 221



99, 99, 110



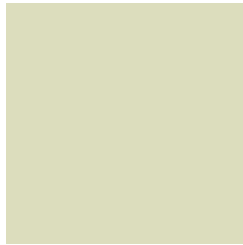
5, 0, 173



1, 0, 46

Previews

White Background



This preview shows how the RGB color 220, 221, 189 looks on a white background.

Color Contrast Check

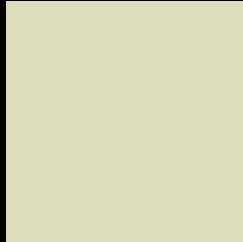
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 220, 221, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

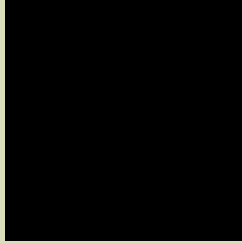
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

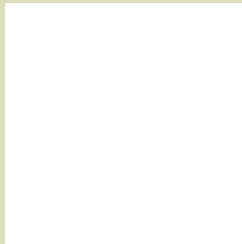
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 220, 221, 189 Background



This preview shows how black text looks on a background with the RGB color 220, 221, 189.

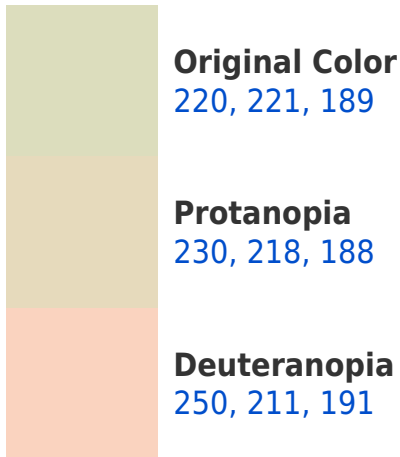


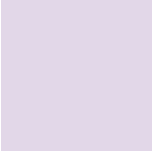
This preview shows how white text looks on a background with the RGB color 220, 221, 189.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

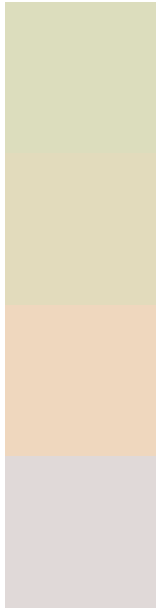
Dichromacy





Tritanopia
226, 215, 232

Trichromacy



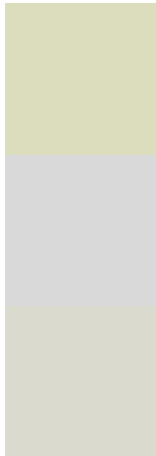
Original Color
220, 221, 189

Protanomaly
226, 219, 188

Deuteranomaly
239, 215, 190

Tritanomaly
224, 217, 216

Monochromacy



Original Color
220, 221, 189

Achromatopsia
217, 217, 217

Achromatomaly
218, 218, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 221, 189 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(220, 221, 189)` looks like.

```
.text, #text, p{  
    color:rgb(220, 221, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(220, 221, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 221, 189) }
```

Border

The CSS property to change the border of an element to RGB 220, 221, 189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

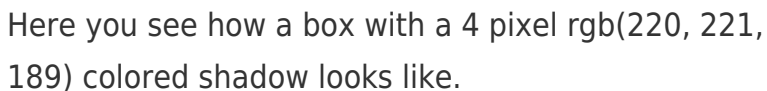
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 221, 189) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(220, 221, 189) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(220, 221, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 221, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 221, 189); box-shadow:4px 4px 4px 4px rgb(220, 221, 189) }
```

Background

The CSS property to change the background color of an element to RGB 220, 221, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 221, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(220,  
221, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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